

PRODUCT APPROVAL EVALUATION REPORT

PER 553.842 F.S. AND RULE CHAPTER 61G20-3

DATE: June 26, 2024



COMPLIANCE METHOD: 61G20-3.005 (1)(d)
Evaluation Report from a Licensed Professional Engineer

PRODUCT DESCRIPTION:

Manufacturer	E.S. Windows, Inc.
Address	3550 NW 49 th Street, Miami FL 33142
Product Name	SERIES ES-7100 WINDOW WALL SEAWAY SKYLIGHT
Window Width	120"
Window Height	180"
Design Pressure	+ 150 PSF / - 150 PSF
Impact Rating	Small Missile Impact (SMI)
Installation Drawing	DT-PA-ESW-003
Use in HVHZ	This product complies with the testing requirements of the High Velocity Hurricane Zone.
Comparative Analysis	Comparative analysis has not been used as part of this application.

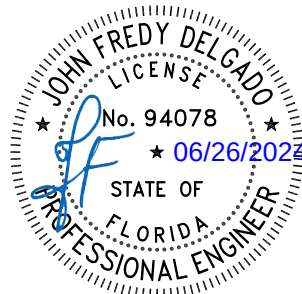
TESTS PERFORMED: Mandatory in compliance with AAMA 101/I.S.2/NAFS/TAS-202, TAS-201 and TAS 203 and supplemental tests in compliance with TAS 202.

Test Report	Test Lab.	Report Date	Test Standard	Description	Lab. Engineer
BT-ESW-23-050	Blackwater Technical Services Inc.	06/21/2024	ASTM E283	Air infiltration	Mike Caldwell, P.E. Wyatt Sherman, BT
BT-ESW-23-050	Blackwater Technical Services Inc.	06/21/2024	ASTM E331	Water Infiltration Resistance	Mike Caldwell, P.E. Wyatt Sherman, BT
BT-ESW-23-050	Blackwater Technical Services Inc.	06/21/2024	TAS 202 & ASTM E330	Uniform Structural Load Test (positive and negative)	Mike Caldwell, P.E. Wyatt Sherman, BT
BT-ESW-23-050	Blackwater Technical Services Inc.	06/21/2024	TAS 201 ASTM E1996	Small Missile Impact Test	Mike Caldwell, P.E. Wyatt Sherman, BT
BT-ESW-23-050	Blackwater Technical Services Inc.	06/21/2024	TAS 203 ASTM E1886	Cyclic Pressure Test (positive and negative)	Mike Caldwell, P.E. Wyatt Sherman, BT

Under the limitations of the referenced installation drawings DT-PA-ESW-003, to the best of my knowledge, the product herein evaluated complies with the requirements of the Florida Building Code 8th Edition (2023).

Evaluation performed by:

John F. Delgado, P.E.
FL Reg. # 94078



This item has been Digitally Signed and sealed by John Delgado, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.